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Approved For Release 2002/08/28 : CIA-RDP71B00185A000100040104-4

6 July 1965

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MEMORANDUM FOR:

[REDACTED]

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1. Page iii - The title on Appendix B is "Power Measurement Against [REDACTED] Reproduction", and I don't understand why we are using the word reproduction here. I think that the word should be Against [REDACTED] Replica or some other word. Reproduction doesn't really explain it. Might also refer to it as domestic [REDACTED] Same problem then exists on page 24 on the title of that appendix.

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2. On page iv. - Figure 8 - is entitled "Calibration Pulse Waveform 2 MC Receiver Bandwidth". Does that mean 2 MC bandwidth receiver?

3. Shouldn't charts 9, 10, and 11 use the wording "Antenna Azimuth Pattern of a Malfunctioning [REDACTED] at Elevation Angles, etc. etc.", rather than a Malfunctioning Pattern? The other patterns then should be azimuth pattern of a normal [REDACTED] etc. etc.

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4. The word "Appendix" two thirds of the way down on page iv is misspelled. Shouldn't be apprndix.

5. On page 2, paragraph 3b, reference is made to an "approximately parallel course", parallel to what?

6. Another sentence in paragraph 3b reads: At the closest point of approach, the flight path was changed so as to fly radially away from the target radar. Obviously the flight path does not fly, and the wording might be better changed to: The aircraft turned and flew radially away from the target radar.

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7. If page 2 has to be retyped, then in paragraph four the system is designed to accurately collect and process.

[REDACTED]

8. The first sentence of paragraph 4b is awkward. The airborne collection system is carried by an RB-47H aircraft utilizing three operators. I don't really think the aircraft utilized three operators. The airborne collection system is manned by three operators.

9. Page 4, last sentence in the paragraph at the top, might better read: Therefore, the amplitude of each radar is measured and stored.

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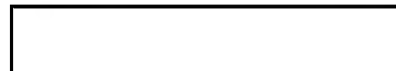
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Page Two

10. Second from the last line on page 4: Because of this, the signals photographed were directly relatable to signals rather than would be.
11. Page 5, subparagraph 9 is clumsy, might better read: In addition, amplitude selection circuits are used to detect the presence of the main lobe so that the camera photographs only main lobe pulses rather than side or back lobe pulses.
12. Page 5 - Sub 10 reads: Pulse widths, as shown in the Table, where is the table? Further the table ought to be identified with a number.
13. Last sentence that begins on page 5. The NDS character data, what is the meaning of the word character here? Or should the word character be position data? The use of the word character here in the first sentence of page 6 doesn't seem to tie in very well with the description of what was recorded from the navigational system earlier in the paper.
14. Page 7, Sub 4 - the word anti-log device is used a couple of times. Can't this strange term be eliminated and simply say the computing mechanism transforms these logarithmic patterns into a linear presentation, or into a linear value which can be used by the exponentially-shaped cam-and-follower arrangement, rather the ball-disc integrator?
15. Page 9, Section 5, Sub b - reference again is made to a table without identifying the table.
16. Page 10 - Sub e - might better read: The two missions which produce sufficient data will allow peak radiated power and antenna directivity to be calculated, etc.
- 17.

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